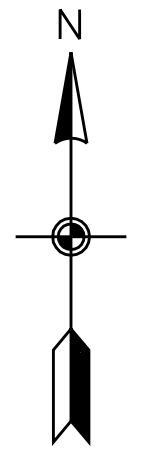
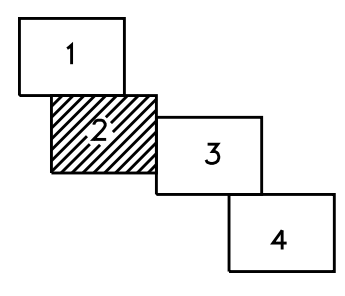


DATE OF PHOTOGRAPHY
13 OCTOBER 1991



1539000 N

SHEET INDEX



CHANNEL LINE CONTROL POINTS		
CH T.P.	NORTH	EAST
C	1540107.16	547308.01
D	1538279.91	547967.56
E	1537949.47	548257.20
F	1537951.16	548460.37
G	1538169.58	548772.84
H	1538116.26	548792.41
I	1537703.34	548483.14
J	1537599.45	548268.84
K	1537654.66	548167.47
L	1538087.90	547877.40
M	1539605.19	547329.72

CENTERLINE TURNING POINTS		
C/L TP	NORTH (Y)	EAST (X)
2	1539856.17	547318.86
3	1538254.45	547897.02
4	1537879.20	548225.92
5	1537881.16	548460.96
6	1538143.18	548782.53

1539000 N

THE INFORMATION DEPICTED ON THIS MAP
REPRESENTS THE RESULTS OF SURVEYS MADE
ON THE DATES INDICATED AND CAN ONLY BE
CONSIDERED AS INDICATING THE GENERAL
CONDITIONS PRESENT AT THAT TIME.

ALL SOUNDINGS ARE REFERENCED TO
I.G.L.D. 1985 FOR LAKE MICHIGAN.
ELEVATION 577.5 FT. ABOVE MEAN SEA
LEVEL AT RIMOUSKI, QUEBEC. HYDRAULIC CORRECTOR
0.3 FT. APPLIED

GRID SYSTEM BASED ON TRANSVERSE
MERCATOR PROJECTION, INDIANA STATE
PLANE COORDINATE SYSTEM WEST
ZONE (1302), 1927 NORTH AMERICAN DATUM,
U.S. SURVEY FOOT.

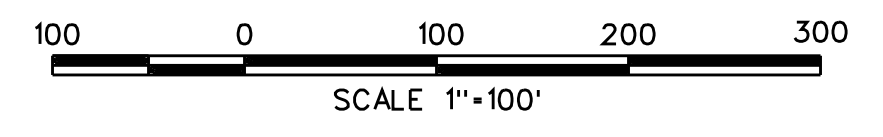
MAINTENANCE DEPTH 14 FT.
MAINTENANCE DEPTH 12 FT.

CHANNEL LIMITS SHOWN THUS: - - - - -

14 FT. CONTOUR SHOWN THUS: - - - - -

12 FT. CONTOUR SHOWN THUS: - - - - -

SURVEYED ON: 7 JULY 2006
POSITIONING METHOD: DGPS USING C.G. BEACON CORRECTION
SURVEY VESSEL: LAUNCH 3033



REVISIONS		DATE	APPROVED
SYMBOL	DESCRIPTIONS		
U.S. ARMY ENGINEER DISTRICT, CHICAGO CORPS OF ENGINEERS CHICAGO, ILLINOIS			
DESIGNED BY:	MICHIGAN CITY, INDIANA MICHIGAN CITY HARBOR CONDITION OF CHANNEL JULY 2006 GRAND HAVEN AREA OFFICE		
DRAWN BY:			
CHECKED BY:			
REVIEWED BY:			
APPROVED BY:			
SCALE: 1" = 100 FT.		CADD FILENAME MYC02G06.DGN	
DRAWING NUMBER		SHEET 2 OF 4	